

## CLAIMS

1. A bone stem cell separated from human amniotic mesenchymal cell layer.
2. Cells for forming bone cells, which comprise bone stem cells existing in human amniotic mesenchymal cell layer.
- 5 3. A method for obtaining bone cells comprising culturing (a) bone stem cell(s) existing in human amniotic mesenchymal cell layer in a bone cell-differentiation medium.
4. A method for osteogenesis comprising transplanting bone stem cells existing in human amniotic mesenchymal cell layer into (a) bone defect(s).
- 10 5. Use of a bone stem cell existing in human amniotic mesenchymal cell layer for osteogenesis.